

EFFECT OF WEED MANAGEMENT PRACTICES ON GROWTH AND YIELD OF SESAME (*SESAMUM INDICUM* L.)

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Abstract: A field experiment was conducted during the *Kharif* Season of 2009-10 at Research farm, project coordinating Unit (Sesame and Niger). Jabalpur, Madhya Pradesh to study the effect of Pre-emergence herbicides, alone or in conjunction with manual weeding on weed pressure, productivity and economics of Tit (*Sesame indicum* L.) Podiumthaliana @ 0.50 kg/ha as pre-emergence (PE) + one hand weeding at 40 DAS, reduced the weed biomass similar to recommended practice of weed control i.e. hand weeding twice done at 20 & 40 DAS. Application of oxyfluorfen @ 0.15 Kg/ha as pre-emergence (PE) was found more remunerative as it recorded the higher value of NMR and B:C ratio (6446 and 1.64) as compared to other treatments.

Keywords: Til, Herbicide, Weed management

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